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Atty. Dkt. No. 040405-0367

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Norihito FUJITA, et al.
Title: NAME RESOLUTION SERVER
AND PACKET TRANSFER
DEVICE
Appl. No.: 10/785,191
Filing Date: 2/25/2004
Examiner: Unknown
Art Unit: 2183

CERTIFICATE OF EXPRESS MAILING	
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(Signature)	

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.



TIMING OF THE DISCLOSURE

The Information Disclosure Statement is being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

The Examiner in the corresponding Korean application has stated:

3. The inventions described in Claims 1 through 55 of the present application could have been easily invented by a person with ordinary knowledge of the technical field to which the inventions belong (hereinafter referred to as “person skilled in the art”) prior to the filing of this application based on the material indicated below, and therefore cannot receive a patent according to the stipulations of Article 29, Paragraph 2 of the Japan Patent Law.

(NOTE)

A. The present invention relates to a name resolution server and packet forwarding device, particularly a name resolution server and packet forwarding device capable of customizing the name resolution response based on property information of the sender of the name resolution request message.

The invention (hereinafter referred to as “Cited Invention 1”) publicly known from Service Selection in The Access Network, published in ICC 2001, 2001 IEEE International Conference on Communications, June 11, 2001, pp. 1622–1626, which is a publication of the technical field in question, is a method of providing regional network service based on user location and information.

International Patent Publication WO 0126284 (hereinafter referred to as “Cited Invention 2”) is a method for traffic control in a communication network.

B. Comparing the present invention to Cited Invention 1, the purposes and effects of the inventions are similar in the point of providing a network service based on user information.

Comparing the constitutions,

1) Claims 1 through 16 are a name resolution server, with the core constitutive elements being a user information acquisition unit and a response generation unit; the user information acquisition unit is similar to the function of the NAS in Cited Invention 1, which collects user information for providing individual and regional information and induces a database update, using a user authentication login name, network, terminal, and service profile.

The point that the response generation unit has another resolution server handle the name response request message containing property information is slightly different from Cited Invention 1, but this is no more than a common design modification, and thus Claims 1 through 16 could be easily invented by a person skilled in the art based on Cited Invention 1.

2) Claims 17 through 20 are a packet forwarding device, its core constitutive elements being characterized in that a DNS proxy unit is provided, which performs control of the packet forwarding method based on information contained in a name resolution response message, and rewrites the content of a routing table.

Incorporating control of the packet forwarding method into a name resolution response message is similar to the function of the active node which processes data packet content in Cited Invention 2, and the DNS proxy unit is similar to the function of the system including a router which dynamically changes the DNS level address list.

3) Claims 21 through 27 are a packet forwarding device, the technical idea of which is substantially identical to that of Claims 1 through 20, so Claims 21 through 27 could be easily invented by a person skilled in the art based on Cited Inventions 1 and 2.

4) Claims 28 and 29 are a name resolution server including a packet forwarding method, the technical idea of which is substantially identical to that of Claims 1 through 20, so Claims 28 and 29 could be easily invented by a person skilled in the art based on Cited Inventions 1 and 2.

5) Claims 30 through 45 are a name resolution program, the technical idea of which is substantially identical to that of Claims 1 through 16, so Claims 30 through 45 could be easily invented by a person skilled in the art based on Cited Invention 1.

6) Claims 46 through 50 are a packet forwarding program, the technical idea of which is substantially identical to that of Claims 17 through 27, so Claims 46 through 50 could be easily invented by a person skilled in the art based on Cited Inventions 1 and 2.

7) Claims 51 and 52 are a name resolution method, the technical idea of which is substantially identical to that of Claims 1 through 16, so Claims 51 and 52 could be easily invented by a person skilled in the art based on Cited Invention 1.

8) Claims 53 through 55 are a packet forwarding method, the technical idea of which is substantially identical to that of Claims 1 through 20, so Claims 53 through 55 could be easily invented by a person skilled in the art based on Cited Inventions 1 and 2.

9) Therefore, Claims 1 through 55 could be easily invented by a person skilled in the art based on the technical idea and constitution presented in Cited Inventions 1 and 2, and therefore cannot receive a patent according to the stipulations of Article 29, Paragraph 2 of the Japan Patent Law.

(ATTACHMENTS)

Attachment 1. *Computer Networks* Vol. 31, May 1999, Elsevier Science Publishers B.V., pp. 1375–1389.

Attachment 2. [International Patent Publication] WO 0126284 (April 12, 2001), 1 copy. END.

The references listed on the PTO/SB/08 form have been previously submitted by way of IDSs filed on June 27, 2005 and April 10, 2006.

The instant IDS is being submitted to the examiner to review the comments of the Korean examiner in connection with the listed references.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date May 3, 2006

By 

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: May 3, 2006

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Complete if Known

Application Number	10/785,191
Filing Date	2/25/2004
First Named Inventor	Norihito FUJITA
Group Art Unit	2183
Examiner Name	Unknown
Attorney Docket Number	040405-0367

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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U.S. PATENT APPLICATION DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1	PCT	WO 01/26284	A1	Elisa Communications OYJ	4/12/2001		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A2	NICK MARLY, et al., Service Selection in the Access Network, ICC 2001. 2001 IEEE International Conference on Communications, June 11, 2001, pages 1622-1626.	

Examiner
SignatureDate
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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